AUTO_INH 3
+10V
R1 15K
R2 2.21K
R4 1K
R5 2.21K
U3 LM324
R143 10K
-10V
R142 10K
+15V
U10 4027
C17 .1
R25 270
Q9 VN10KM
C124 1.0
C501 .1
-10V
R146 20K
U37 LM347
C502 .1
-15V
R506 10K
C16 .001
R154 1.00K
U41 LM339
PFN TP27
PRG_VLTS 3
R144 10K
R148 10K
R147 10K
C64 .1
U37 LM347
A SIM NOK 2
J21-14 ALARM
R26 20K
C19 .1
U11 4071
VAR INH TP26
R31 270
Q6 VN10KM
INHIBIT OK
DS6 GRN
R90 1.00K
+12VD
U20 6N136
R99 20K
R98 20K
R101 20K
GNDD
C38 .1
R79 10K
U18 LM339
INH_D
J23-1
Q4 VN10KM
+12VC
U23 6N136
R104 20K
R103 20K
R106 20K
GNDC
C34 .1
R78 10K
U17 LM339
INH_C
J22- 1
Q2 VN10KM
CHND 4
CR25 1N4004
R286 1M
J21-30
CR28 1N914
R289 1K
Q22 TIP121
LCK_DIS 4
CR26 1N914
C121 .47u 10uF
U53 LM324
R256 10k
CR27 1N914
R310 10k
U52 LM324
U55 LM324
C111 .1
R274 49.9K
J21-33 VAR_REF-
J21-34 VAR_REF+
R281 1.00K
R280 1.00K
R273 48.7K
R272 48.7K
R271 49.9K
C110 .1
C114 .1
C115 .1
R244 2.21K
SINGLE SHOT
J21-32
J21-31
R284 270
R283 49.9K
Q23 VN10KM
R263
CW 100K SINSLE SHOT ATN
U52 LM324
C117 100pf
R259 100
R257 10K
TP28 PFN CAL
U50 LM324
R235 49.9K
R237 680
R89 20K
R88 100K
C93 .1
U19 IL300
R300 100K
CW
ISO D
R95 20K
C40 .1
R240 49.9K
R239 680
R94 20K
R93 100K
C4001 .1
C2001 .1
U22 IL300
R299 100K
ISO C
R92 20K
C43 .1
R91 33.2K
R236 10K
U21 LM324
C41 .1
C39 100pf
R96 10K
R97 100
ISO D TP1
PRO VOLTS D
J23- 5
R105 33.2K
R238 10K
U24 LM324
C45 .1
C44 100pf
R102 10K
R100 100
ISO C TP16
PRO VOLTS C
J22-5
TP11 TP12 TP13 TP14 TP15 TP9 TP10
J22-9
J22-15
OVERLOAD J22-2
OVERTEMP J22-3
OVERVOLTAGE J22-6
PEEK/HOLD J22-7
MONITOR J22-8
+12VC
GNDC
TP4 TP5 TP6 TP7 TP8 TP2 TP3
J23-9
J23-15
OVERLOAD J23-2
OVERTEMP J23-3
OVERVOLTAGE J23-6
PEEK/HOLD J23-7
MONITOR J23-8
+12VD
GNDD

SIZE	FSCM NO.	DWG. NO.	REV.
D		0449-5030	A
SCALE		11-03-94	SHEET 5 OF 7